Philips
LCD monitor

17"
SXGA

170X7FB

Design and performance count!

The ultimate display for your lifestyle! Ready to rock your world with stunning performace, the hot Philips 170X7 combines SmartImage Lite for the multimedia adventure with cool, innovative cutting-edge design flair.

Outstanding front of screen performance

- Empowered for Windows Vista
- SmartImage Lite for an enhanced LCD viewing experience
- SmartContrast: Optimized contrast for visual clarity
- 5ms fast response time
- ISO 13406-2 Class I compliant dot-defect-free display
- DVI-D input and HDCP support

Design that complements any interior

- Ultra-modern SmartTouch controls
- Innovative, cutting-edge design makes a lifestyle statement!

Great convenience

- USB port for convenient peripheral connections
- Enjoy multimedia experience with built-in speakers
- Embedded power supply eliminates external power adaptors

PHILIPS
sense and simplicity

LCD monitor
17" SXGA

170X7FB/00

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 17"/ 43.2 cm
- Effective viewing area: 337.9 x 270.3 mm
- Pixel pitch: 0.264 x 0.264 mm
- Brightness (nits): 300 nit
- Contrast ratio (typical): 700:1
- SmartContrast ratio (dynamic): 2500:1
- Display colors: 16.2 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Recommended Resolution: 1280 x 1024 @ 60 Hz
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Picture enhancement: SmartImage Lite
- sRGB

Connectivity
- Audio output: Stereo Audio (3.5 mm jack) 1x
- Signal Input: Analog (VGA), DVI-D, PC Audio in
- USB: 1 x USB 2.0
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green

Convenience
- Built-in Audio: 2 W RMS x 2 Stereo Speakers
- Convenience Enhancements: On-screen Display, SmartControl, Stand-alone audio
- Monitor Controls: Auto, Brightness Control (Up/Down), Menu (OK), Power On/Off, SmartImage Lite, Volume control (Left/Right)
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, EMC, Energy Star, FCC Class B, MPRII, SEMKO, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -5° to 25°

Accessories
- Included Accessories: AC Power Cord, Audio Cable, DVI-D cable, USB cable, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 416 x 140 x 454 mm
- Box dimensions in inch (W x H x D): 16.4 x 5.5 x 17.9 inch
- Set dimensions with stand (W x H x D): 387.7 x 399.3 x 181.4 mm
- Set dimensions with stand in inch (W x H x D): 15.3 x 15.7 x 7.1 inch
- MTBF: 50,000 (excl. CCFL 40,000) hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 6.1 kg
- Product weight (+stand) (lb): 13.4 lb
- Weight incl. Packaging: 7.1 kg
- Weight incl. Packaging (lb): 15.7

Power
- Complies with: Energy Star
- Consumption: 31 W (Typical)
- Off Mode: < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

SmartImage Lite
SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartContrast
SmartContrast is Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

PerfectPanel™
Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display even a single defective bright or dark dot.

HDCP ready
High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

SmartTouch controls
SmartTouch controls are intelligent, ultra-responsive, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

Innovative cutting-edge design
An exclusive design concept that combines smooth, flowing lines reminiscent fine modern sculpture with ultra modern materials and techno touches to create a monitor that makes a lifestyle statement.

Issue date 2008-05-08

Version: 4.0.9

12 NC: 8639 000 17123
EAN: 87 10895 97812 5

© 2008 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com